



U.S. DEPARTMENT OF LABOR  
WORKPLACE STANDARDS ADMINISTRATION  
BUREAU OF LABOR STANDARDS  
**MATERIAL SAFETY DATA SHEET**

FORM NO. OSHA-20 (MODIFIED)  
MAY 1971

JAN 29 1982

MDC CONTROL NO. 2986

7-26-72

**SECTION I: MATERIAL AND MANUFACTURER IDENTIFICATION**

MANUFACTURER'S NAME <b>The Parker Company</b>		EMERGENCY TELEPHONE NO. <b>313 583-9300</b>
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE) <b>P. O. Box 201, Detroit, Michigan 48220</b>		
CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS <b>BONDERITE 170X MAKEUP (00291)</b>	
CHEMICAL FAMILY	FORMULA	

**SECTION II: HAZARDOUS INGREDIENTS\***

PAINTS, PRESERVATIVES/SOLVENTS	%	TLV (UNITS)	ALLOYS AND METALLIC COATINGS	%	TLV (UNITS)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES*				%	TLV (UNITS)
Zinc Phosphate				11	
Zinc Nitrate				25	
Sodium Fluoborate				10	

**SECTION III: PHYSICAL DATA**

BOILING POINT (°F)	Above	212°F	SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	1.45
VAPOR PRESSURE (mm Hg.)			PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR = 1)			EVAPORATION RATE (_____ = 1)	
SOLUBILITY IN WATER		100%		
APPEARANCE AND ODOR	Water white liquid, no odor.			

**SECTION IV: FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (METHOD USED)	None	FLAMMABLE LIMITS	LeI	UeI
EXTINGUISHING MEDIA	Water	None		
SPECIAL FIRE FIGHTING PROCEDURES	None			

UNUSUAL FIRE AND EXPLOSION HAZARDS None

\*PLEASE DO NOT USE GENERALIZATIONS, SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES.  
USE SPECIFIC CHEMICAL NAMES, SUCH AS METHANOL, BENZENE, PERCHLOROETHYLENE.

# SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

EFFECTS OF OVEREXPOSURE

Mild irritation of skin and mucous membranes.

EMERGENCY AND FIRST AID PROCEDURES

Eyes - flush thoroughly with water for 15 minutes and get medical attention; External - wash with water; Ingestion - drink large quantities of milk or water, induce vomiting and get medical attention (Note material contains fluoride).

## SECTION VI: REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMPATIBILITY (MATERIALS TO AVOID)

Alkalies

HAZARDOUS DECOMPOSITION PRODUCTS

None

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	XX	

## SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Flush to sewer with water or absorb on absorbent material and transfer to chemical disposal area.

WASTE DISPOSAL METHOD

Neutralization and precipitation of phosphates and heavy metals may be required.

## SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE)

VENTILATION	LOCAL EXHAUST	X	SPECIAL
	MECHANICAL (GENERAL)		OTHER

PROTECTIVE GLOVES	rubber gloves	EYE PROTECTION	face shield
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OTHER PROTECTIVE EQUIPMENT rubber aprons

## SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Normal handling. We recommend storage in a chemical storage area.

OTHER PRECAUTIONS

None

W. R. Cavanagh

7-26-72

PREPARED BY

DATE